

ABSTRACT

A key distribution method for the next generation network (NGN), includes steps of:
(a) a terminal sending a registration request message to a soft switch; (b) the soft switch
5 sending an authentication request message to an authentication center; (c) the authentication
center authenticating the terminal, then the soft switch distributing the session key to the
terminal after the registration authentication being passed. The invention implements the key
distribution during the registration authentication, thus the traffic is smaller, and it could be
associated with the specialties of the NGN, and improve the efficiency of solving the security
problem, the registration authentication of the terminal and the distribution of the key are
10 more suitable specifically for the NGN.

(Fig.2)